

Application No. 10/788,555  
Amendment dated June 23, 2008  
Reply to Office Action of May 1, 2008

### Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims:

1. (Currently Amended) A method for moving teeth, comprising:  
moving at least one first tooth; and  
moving at least one second tooth while isolating the at least one first tooth at a rest position, isolating the at least one first tooth by relieving the at least one first tooth of any applied force, wherein relieving the force applied to the at least one first tooth is accomplished by creating space around the tooth, such that no undesirable contact is made.
2. (Currently Amended) The method of claim 1, wherein the at least one second tooth is moved for a first duration and immobilized for a second duration.
3. (Original) The method of claim 1, wherein the duration is on an hourly basis, a daily basis, or a weekly basis.
4. (Currently Amended) The method of claim 1, comprising generating a plurality of appliances based on the moving of the at least one first tooth and the at least one second tooth, wherein the appliances comprise polymeric shells having cavities and wherein the cavities of successive shells have different geometries shaped to receive and resiliently reposition the at least one first and second teeth from one arrangement to a successive arrangement.
5. (Currently Amended) The method of claim 4, wherein a first cavity isolates the at least one first tooth at the rest position.

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6. (Currently Amended) The method of claim 4, wherein a second cavity urges the at least one second tooth to ~~one of~~ the successive arrangement position.
7. (Canceled)
8. (Original) The method of claim 4, further comprising replacing an appliance on an intra-day basis.
9. (Original) The method of claim 4, further comprising replacing an appliance on a daily basis.
10. (Original) The method of claim 4, further comprising replacing an appliance on a multi-day basis.
11. (Original) The method of claim 4, further comprising replacing an appliance on an intra-week basis.
12. (Original) The method of claim 4, further comprising replacing an appliance on a weekly basis.
13. (Canceled)
14. (Currently Amended) The method of claim 1, wherein the at least one first tooth is a ~~[[s]]~~ group of contiguous teeth.
15. (Canceled)
16. (Currently Amended) A system comprising  
means for moving a ~~at least one~~ first tooth; and

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means for isolating the first tooth at a rest position by relieving the force applied to it, while moving at least one second tooth, wherein relieving the force applied to the first tooth is accomplished by creating space around the tooth such that no undesirable contact is made.

17. (Currently Amended) The system of claim 16 [[6]], wherein the at least one second tooth is moved for a first duration and immobilized for a second duration.

18. (Original) The system of claim 16, wherein the duration is on an hourly basis, a daily basis, or a weekly basis.

19. (Original) The system of claim 16, comprising fabrication machine to generate a plurality of appliances, wherein the appliances comprise polymeric shells having cavities and wherein the cavities of successive shells have different geometries shaped to receive and resiliently reposition the teeth from one arrangement to a successive arrangement.

20. (Currently Amended) The system of claim 19, wherein a first cavity isolates the first tooth at the rest position and wherein a second cavity urges the at least one second tooth to a successive arrangement.

21. (Currently Amended) A system for generating one or more appliances for a patient, the teeth including at least one first tooth and at least one second tooth, the system comprising:

- a processor;
- a display device coupled to the processor;
- a data storage device coupled to the processor;
- a scanner coupled to the processor for providing data to model the patient's masticator system;

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means for modeling [[an ]]and isolating [[of ]]the first tooth at a rest position while moving the second tooth, the isolating of the first tooth by relieving the tooth of any applied force~~[[,]]~~;

wherein relieving the force applied to the first tooth is accomplished by creating space around the tooth such that no undesirable contact is made; and

a dental appliance fabrication machine coupled to the processor for generating the appliances in accordance with the modeling of isolating the first tooth and moving the second tooth.

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Previously Presented) the method of claim 1, wherein the at least one first tooth is a group of noncontiguous teeth.

26. (Previously Presented) The method of claim 1, wherein the at least one second tooth is a group of contiguous teeth.

27. (Previously Presented) The method of claim 1, wherein at least on second tooth is a group of noncontiguous teeth.

28. (Canceled)